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Sequence Listing could not be accepted.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Keisha Douglas

Timestamp: [year=2008; month=1; day=29; hr=16; min=0; sec=5; ms=782;]

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Reviewer Comments:

<210> 5

<211> 702

<212> DNA

<213> Human or Monkey

Only one organism response is allowed for <213>. Please correct all
remaining sequences with similar errors.

Application No: 09612914 Version No: 3.0

Input Set:

Output Set:

Started: 2008-01-23 16:03:09.071
Finished: 2008-01-23 16:03:12.426
Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 355 ms
Total Warnings: 59
Total Errors: 0
No. of SeqIDs Defined: 59
Actual SeqID Count: 59

Error code	Error Description
W 402	Undefined organism found in <213> in SEQ ID (1)
W 402	Undefined organism found in <213> in SEQ ID (2)
W 402	Undefined organism found in <213> in SEQ ID (3)
W 402	Undefined organism found in <213> in SEQ ID (4)
W 402	Undefined organism found in <213> in SEQ ID (5)
W 402	Undefined organism found in <213> in SEQ ID (6)
W 402	Undefined organism found in <213> in SEQ ID (7)
W 402	Undefined organism found in <213> in SEQ ID (8)
W 402	Undefined organism found in <213> in SEQ ID (9)
W 402	Undefined organism found in <213> in SEQ ID (10)
W 402	Undefined organism found in <213> in SEQ ID (11)
W 402	Undefined organism found in <213> in SEQ ID (12)
W 402	Undefined organism found in <213> in SEQ ID (13)
W 402	Undefined organism found in <213> in SEQ ID (14)
W 402	Undefined organism found in <213> in SEQ ID (15)
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W 402	Undefined organism found in <213> in SEQ ID (17)
W 402	Undefined organism found in <213> in SEQ ID (18)
W 402	Undefined organism found in <213> in SEQ ID (19)
W 402	Undefined organism found in <213> in SEQ ID (20)

Input Set:

Output Set:

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No. of SeqIDs Defined: 59
Actual SeqID Count: 59

Error code

Error Description

This error has occurred more than 20 times, will not be displayed

SEQUENCE LISTING

<110> Hanna, Nabil
Newman, Roland A.
Reff, Mitchell E.

<120> Recombinant Anti-CD4 Antibodies for Human Therapy

<130> 037003-0275543

<140> 09612914

<141> 2000-07-10

<150> 08/523,894

<151> 1995-09-06

<150> 08/476,237

<151> 1995-06-07

<160> 59

<170> PatentIn version 3.4

<210> 1

<211> 423

<212> DNA

<213> Monkey

<220>

<221> misc_feature

<222> (4)..(423)

<223> Heavy chain variable domain of CE9.1

<220>

<221> CDS

<222> (4)..(423)

<220>

<221> mat_peptide

<222> (61)..(423)

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tgg gtc ttg tcc cag gtg cag ctg cag gag gcg ggc cca gga ctg gtg	96
Trp Val Leu Ser Gln Val Gln Leu Gln Glu Ala Gly Pro Gly Leu Val	
-1 1 5 10	

aag cct tcg gag acc ctg tcc ctc acc tgc agt gtc tct ggt ggc tcc	144
Lys Pro Ser Glu Thr Leu Ser Leu Thr Cys Ser Val Ser Gly Gly Ser	
15 20 25	

atc agc ggt gac tat tat tgg ttc tgg atc cgc cag tcc cca ggg aag	192
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Ile Ser Gly Asp Tyr Tyr Trp Phe Trp Ile Arg Gln Ser Pro Gly Lys
30 35 40

gga ctg gag tgg atc ggc tac atc tat ggc agt ggt ggg ggc acc aat 240
Gly Leu Glu Trp Ile Gly Tyr Ile Tyr Gly Ser Gly Gly Gly Thr Asn
45 50 55 60

tac aat ccc tcc ctc aac aat cga gtc tcc att tca ata gac acg tcc 288
Tyr Asn Pro Ser Leu Asn Asn Arg Val Ser Ile Ser Ile Asp Thr Ser
65 70 75

aag aac ctc ttc tcc ctg aaa ctg agg tct gtg acc gcc gcg gac acg 336
Lys Asn Leu Phe Ser Leu Lys Leu Arg Ser Val Thr Ala Ala Asp Thr
80 85 90

gcc gtc tat tac tgt gcg agt aat ata ttg aaa tat ctt cac tgg tta 384
Ala Val Tyr Tyr Cys Ala Ser Asn Ile Leu Lys Tyr Leu His Trp Leu
95 100 105

tta tac tgg ggc cag gga gtc ctg gtc acc gtc tcc tca 423
Leu Tyr Trp Gly Gln Gly Val Leu Val Thr Val Ser Ser
110 115 120

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<212> PRT
<213> Monkey

<400> 2

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-15 -10 -5

Val Leu Ser Gln Val Gln Leu Gln Glu Ala Gly Pro Gly Leu Val Lys
-1 1 5 10

Pro Ser Glu Thr Leu Ser Leu Thr Cys Ser Val Ser Gly Gly Ser Ile
15 20 25

Ser Gly Asp Tyr Tyr Trp Phe Trp Ile Arg Gln Ser Pro Gly Lys Gly
30 35 40 45

Leu Glu Trp Ile Gly Tyr Ile Tyr Gly Ser Gly Gly Gly Thr Asn Tyr
50 55 60

Asn Pro Ser Leu Asn Asn Arg Val Ser Ile Ser Ile Asp Thr Ser Lys
65 70 75

Asn Leu Phe Ser Leu Lys Leu Arg Ser Val Thr Ala Ala Asp Thr Ala
80 85 90

Val Tyr Tyr Cys Ala Ser Asn Ile Leu Lys Tyr Leu His Trp Leu Leu
 95 100 105

Tyr Trp Gly Gln Gly Val Leu Val Thr Val Ser Ser
 110 115 120

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 <211> 387
 <212> DNA
 <213> Monkey

<220>
 <221> misc_feature
 <222> (4)..(387)
 <223> Light chain variable domain of CD9.1

<220>
 <221> CDS
 <222> (4)..(387)

<220>
 <221> mat_peptide
 <222> (61)..(387)

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 Asp Ser Ala Ala Ser Tyr Glu Leu Ser Gln Pro Arg Ser Val Ser Val
 -1 1 5 10

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 Ser Pro Gly Gln Thr Ala Gly Phe Thr Cys Gly Gly Asp Asn Val Gly
 15 20 25

agg aaa agt gta cag tgg tac cag cag aag cca ccg cag gcc cct gtg 192
 Arg Lys Ser Val Gln Trp Tyr Gln Gln Lys Pro Pro Gln Ala Pro Val
 30 35 40

ctg gtc atc tat gct gac agc gaa cgg ccc tca ggg atc cct gcg cga 240
 Leu Val Ile Tyr Ala Asp Ser Glu Arg Pro Ser Gly Ile Pro Ala Arg
 45 50 55 60

ttc tct ggc tcc aac tca ggg aac acc gcc acc ctg acc atc agc ggg 288
 Phe Ser Gly Ser Asn Ser Gly Asn Thr Ala Thr Leu Thr Ile Ser Gly
 65 70 75

gtc gag gcc ggg gat gag gct gac tat tac tgt cag gtg tgg gac agt 336
 Val Glu Ala Gly Asp Glu Ala Asp Tyr Tyr Cys Gln Val Trp Asp Ser
 80 85 90

act gct gat cat tgg gtc ttc ggc gga ggg acc cgg ctg acc gtc cta	384
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95 100 105	

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Gly	

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 <212> PRT
 <213> Monkey

<400> 4

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-1 1 5 10

Pro Gly Gln Thr Ala Gly Phe Thr Cys Gly Gly Asp Asn Val Gly Arg
15 20 25

Lys Ser Val Gln Trp Tyr Gln Gln Lys Pro Pro Gln Ala Pro Val Leu
30 35 40 45

Val Ile Tyr Ala Asp Ser Glu Arg Pro Ser Gly Ile Pro Ala Arg Phe
50 55 60

Ser Gly Ser Asn Ser Gly Asn Thr Ala Thr Leu Thr Ile Ser Gly Val
65 70 75

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80 85 90

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95 100 105

<210> 5
 <211> 702
 <212> DNA
 <213> Human or Monkey

<220>
 <221> misc_feature

<222> (1)..(702)

<223> Lambda variable and constant domains in CE9.1

<220>

<221> CDS

<222> (1)..(702)

<400> 5

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1 5 10 15

tct gcg gcc tcc tat gag ttg agt cag cct cgc tca gtg tcc gtg tcc 96
Ser Ala Ala Ser Tyr Glu Leu Ser Gln Pro Arg Ser Val Ser Val Ser
20 25 30

cca gga cag acg gcc ggg ttc acc tgt ggg gga gac aac gtt gga agg 144
Pro Gly Gln Thr Ala Gly Phe Thr Cys Gly Gly Asp Asn Val Gly Arg
35 40 45

aaa agt gta cag tgg tac cag cag aag cca ccg cag gcc cct gtg ctg 192
Lys Ser Val Gln Trp Tyr Gln Gln Lys Pro Pro Gln Ala Pro Val Leu
50 55 60

gtc atc tat gct gac agc gaa cgg ccc tca ggg atc cct gcg cga ttc 240
Val Ile Tyr Ala Asp Ser Glu Arg Pro Ser Gly Ile Pro Ala Arg Phe
65 70 75 80

tct ggc tcc aac tca ggg aac acc gcc acc ctg acc atc agc ggg gtc 288
Ser Gly Ser Asn Ser Gly Asn Thr Ala Thr Leu Thr Ile Ser Gly Val
85 90 95

gag gcc ggg gat gag gct gac tat tac tgt cag gtg tgg gac agt act 336
Glu Ala Gly Asp Glu Ala Asp Tyr Tyr Cys Gln Val Trp Asp Ser Thr
100 105 110

gct gat cat tgg gtc ttc ggc gga ggg acc cgg ctg acc gtc cta ggt 384
Ala Asp His Trp Val Phe Gly Gly Gly Thr Arg Leu Thr Val Leu Gly
115 120 125

cag ccc aag gct gcc ccc tcg gtc act ctg ttc ccg ccc tcc tct gag 432
Gln Pro Lys Ala Ala Pro Ser Val Thr Leu Phe Pro Pro Ser Ser Glu
130 135 140

gag ctt caa gcc aac aag gcc aca ctg gtg tgt ctc ata agt gac ttc 480
Glu Leu Gln Ala Asn Lys Ala Thr Leu Val Cys Leu Ile Ser Asp Phe
145 150 155 160

tac ccg gga gcc gtg aca gtg gcc tgg aag gca gat agc agc ccc gtc 528
Tyr Pro Gly Ala Val Thr Val Ala Trp Lys Ala Asp Ser Ser Pro Val
165 170 175

aag gcg gga gtg gag acc acc aca ccc tcc aaa caa agc aac aac aag 576
Lys Ala Gly Val Glu Thr Thr Thr Pro Ser Lys Gln Ser Asn Asn Lys
180 185 190

tac gcg gcc agc agc tac ctg agc ctg acg cct gag cag tgg aag tcc 624

Tyr Ala Ala Ser Ser Tyr Leu Ser Leu Thr Pro Glu Gln Trp Lys Ser
195 200 205

cac aga agc tac agc tgc cag gtc acg cat gaa ggg agc acc gtg gag 672
His Arg Ser Tyr Ser Cys Gln Val Thr His Glu Gly Ser Thr Val Glu
210 215 220

aag aca gtg gcc cct aca gaa tgt tca tga 702
Lys Thr Val Ala Pro Thr Glu Cys Ser
225 230

<210> 6
<211> 233
<212> PRT
<213> Human or Monkey

<400> 6

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20 25 30

Pro Gly Gln Thr Ala Gly Phe Thr Cys Gly Gly Asp Asn Val Gly Arg
35 40 45

Lys Ser Val Gln Trp Tyr Gln Gln Lys Pro Pro Gln Ala Pro Val Leu
50 55 60

Val Ile Tyr Ala Asp Ser Glu Arg Pro Ser Gly Ile Pro Ala Arg Phe
65 70 75 80

Ser Gly Ser Asn Ser Gly Asn Thr Ala Thr Leu Thr Ile Ser Gly Val
85 90 95

Glu Ala Gly Asp Glu Ala Asp Tyr Tyr Cys Gln Val Trp Asp Ser Thr
100 105 110

Ala Asp His Trp Val Phe Gly Gly Gly Thr Arg Leu Thr Val Leu Gly
115 120 125

Gln Pro Lys Ala Ala Pro Ser Val Thr Leu Phe Pro Pro Ser Ser Glu
130 135 140

Glu Leu Gln Ala Asn Lys Ala Thr Leu Val Cys Leu Ile Ser Asp Phe
145 150 155 160

Tyr Pro Gly Ala Val Thr Val Ala Trp Lys Ala Asp Ser Ser Pro Val
165 170 175

Lys Ala Gly Val Glu Thr Thr Thr Pro Ser Lys Gln Ser Asn Asn Lys
180 185 190

Tyr Ala Ala Ser Ser Tyr Leu Ser Leu Thr Pro Glu Gln Trp Lys Ser
195 200 205

His Arg Ser Tyr Ser Cys Gln Val Thr His Glu Gly Ser Thr Val Glu
210 215 220

Lys Thr Val Ala Pro Thr Glu Cys Ser
225 230

<210> 7
<211> 1404
<212> DNA
<213> Human or Monkey

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<222> (1)..(1404)
<223> Heavy chain variable and constant gamma 4

<220>
<221> CDS
<222> (1)..(1404)

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gtc ttg tcc cag gtg cag ctg cag gag tcg ggc cca gga ctg gtg aag 96
Val Leu Ser Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys
20 25 30
cct tcg gag acc ctg tcc ctc acc tgc agt gtc tct ggt ggc tcc atc 144
Pro Ser Glu Thr Leu Ser Leu Thr Cys Ser Val Ser Gly Gly Ser Ile
35 40 45
agc ggt gac tat tat tgg ttc tgg atc cgc cag tcc cca ggg aag gga 192
Ser Gly Asp Tyr Tyr Trp Phe Trp Ile Arg Gln Ser Pro Gly Lys Gly
50 55 60
ctg gag tgg atc ggc tac atc tat ggc agt ggt ggg ggc acc aat tac 240
Leu Glu Trp Ile Gly Tyr Ile Tyr Gly Ser Gly Gly Gly Thr Asn Tyr
65 70 75 80

aat ccc tcc ctc aac aat cga gtc tcc att tca ata gac acg tcc aag	288
Asn Pro Ser Leu Asn Asn Arg Val Ser Ile Ser Ile Asp Thr Ser Lys	
85 90 95	
aac ctc ttc tcc ctg aaa ctg agg tct gtg acc gcc gcg gac acg gcc	336
Asn Leu Phe Ser Leu Lys Leu Arg Ser Val Thr Ala Ala Asp Thr Ala	
100 105 110	
gtc tat tac tgt gcg agt aat ata ttg aaa tat ctt cac tgg tta tta	384
Val Tyr Tyr Cys Ala Ser Asn Ile Leu Lys Tyr Leu His Trp Leu Leu	
115 120 125	
tac tgg ggc cag gga gtc ctg gtc acc gtc tcc tca gct agc acc aag	432
Tyr Trp Gly Gln Gly Val Leu Val Thr Val Ser Ser Ala Ser Thr Lys	
130 135 140	
ggc cca tcc gtc ttc ccc ctg gcg ccc tgc tcc agg agc acc tcc gag	480
Gly Pro Ser Val Phe Pro Leu Ala Pro Cys Ser Arg Ser Thr Ser Glu	
145 150 155 160	
agc aca gcc gcc ctg ggc tgc ctg gtc aag gac tac ttc ccc gaa ccg	528
Ser Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro	
165 170 175	
gtg acg gtg tcg tgg aac tca ggc gcc ctg acc agc ggc gtg cac acc	576
Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr	
180 185 190	
ttc ccg gct gtc cta cag tcc tca gga ctc tac tcc ctc agc agc gtg	624
Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val	
195 200 205	
gtg acc gtg ccc tcc agc agc ttg ggc acg aag acc tac acc tgc aac	672
Val Thr Val Pro Ser Ser Ser Leu Gly Thr Lys Thr Tyr Thr Cys Asn	
210 215 220	
gta gat cac aag ccc agc aac acc aag gtg gac aag aga gtt gag tcc	720
Val Asp His Lys Pro Ser Asn Thr Lys Val Asp Lys Arg Val Glu Ser	
225 230 235 240	
aaa tat ggt ccc cca tgc cca tca tgc cca gca cct gag ttc ctg ggg	768
Lys Tyr Gly Pro Pro Cys Pro Ser Cys Pro Ala Pro Glu Phe Leu Gly	
245 250 255	
gga cca tca gtc ttc ctg ttc ccc cca aaa ccc aag gac act ctc atg	816
Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met	
260 265 270	
atc tcc cgg acc cct gag gtc acg tgc gtg gtg gtg gac gtg agc cag	864
Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser Gln	
275 280 285	
gaa gac ccc gag gtc cag ttc aac tgg tac gtg gat ggc gtg gag gtg	912
Glu Asp Pro Glu Val Gln Phe Asn Trp Tyr Val Asp Gly Val Glu Val	
290 295 300	

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cgt	gtg	gtc	agc	gtc	ctc	acc	gtc	ctg	cac	cag	gac	tgg	ctg	aac	ggc	1008
Arg	Val	Val	Ser	Val	Leu	Thr	Val	Leu	His	Gln	Asp	Trp	Leu	Asn	Gly	